## ABSTRACT OF THE DISCLOSURE

A bicycle carrier adapted to be secured to an article carrier portion of an existing vehicle article carrier so as to carry the bicycle supported thereon in a vertical orientation over a liftgate of a vehicle, and normal to an outer surface of the liftgate. The bicycle carrier includes a wheel supporting member for engaging one wheel of a bicycle when the bicycle is placed in a vertical orientation. A frame supporting assembly engages a portion of the frame to hold the bicycle to the bicycle carrier. The bicycle carrier permits a single individual to load and unload a bicycle from the bicycle carrier without being required to lift the bicycle up onto the roof of a vehicle. Since the bicycle is supported at an angle generally normal to the liftgate, visibility through the rear window of the liftgate is also improved when a bicycle is being supported on the bicycle carrier.